

# Converting Colors

Hex(34925C)

Have a look what the booklet for  
Hex(34925C) contains.

<b>Hex(34925C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(34925C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34925C
RGB	52, 146, 92
RGB Percent	20%, 57%, 36%
CMY	0.7961, 0.4275, 0.6392
CMYK	0.64, 0.00, 0.37, 0.43
HSL	146°, 47%, 39%
HSV	146°, 64%, 57%
XYZ	13.6268, 22.0605, 13.6651
YIQ	111.7380, -38.6900, -36.7220

# Conversions

## Conversions Part 2

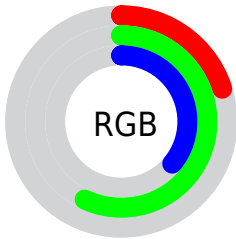
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 118, 146
Decimal	3445340
CIELab	54.09, -40.43, 20.71
CIElCh	54, 45.424, 152.871
Yxy	22.0605, 0.2761, 0.4470
Android (android.graphics.Color)	4281635420 (0xFF34925C)
YUV	111.7380, -9.7308, -52.3902
Hunter-Lab	46.9686, -30.4076, 15.6281

# Details

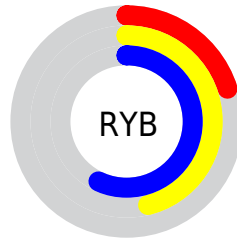
The Hex color **34925C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92346A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6DC98F**, and **005E2D** is the 20% darker color. If you saturate the color by 10%, you get **259254**, and if you desaturate by 10%, it is **439264**.

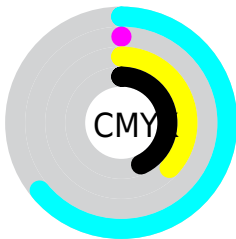
# Distribution



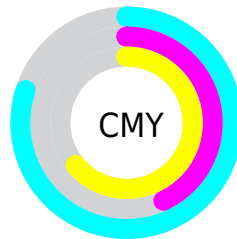
- Red (20%)
- Green (57%)
- Blue (36%)



- Red (20%)
- Yellow (46%)
- Blue (57%)



- Cyan (64%)
- Magenta (0%)
- Yellow (37%)
- Black (43%)



- Cyan (80%)
- Magenta (43%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34925C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 34925C by changing the saturation by 10% instead.



 34925C

 34925C

FFFFFF

 107844

 6DC98F

 005E2D

 88E5A9

 004618

 A4FFC5

 002F00

 C1FFE1

 001700

 DEFFFD

 000000

 FBFFFF

 34925C

 34925C

 259254

 439264

■ 17924B

■ 51926D

■ 089243

■ 609275

■ 00923E

■ 6E927E

■ 7D9286

■ 8C928E

■ 9A9297

■ A9929F

■ B792A7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6C8B3C



34925C



009584

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34925C



3B84D0



C76459

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34925C



92346A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C95F7F



34925C



8875C3

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34925C



008FC6



B466A6



B4723B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34925C



00959F



B466A6



CA6165



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34925C



99BDA8



6B9234



495E52



DEDEDE



5E5E5E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34925C



2BBD69



34928A



434A46



008A3B



000A04



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92346A



BD2B7F



92343C



4A4347



8A004F



0A0006



# Previews

## White Background



This preview shows how the Hex color 34925C looks on a white background.

## Color Contrast Check

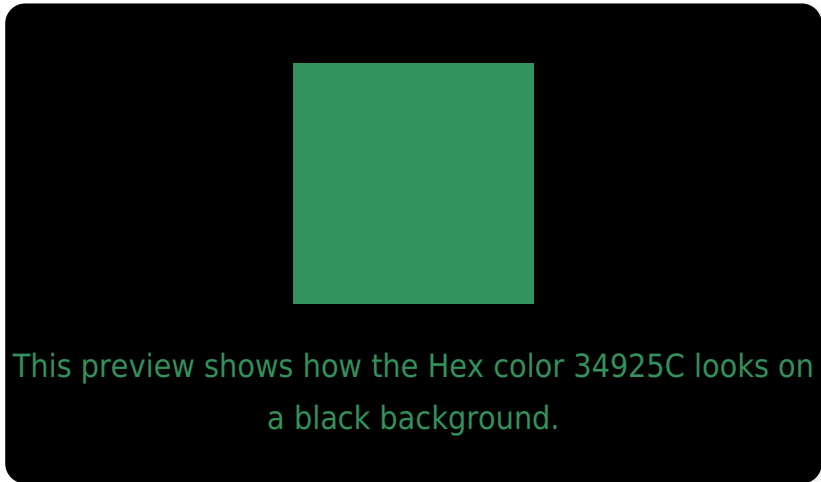
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

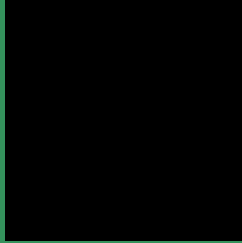
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34925C Background



This preview shows how black text looks on a background with the Hex color 34925C.



This preview shows how white text looks on a background with the Hex color 34925C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

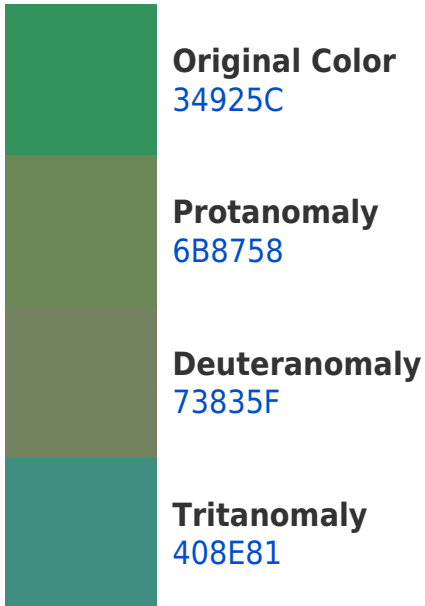
## Dichromacy



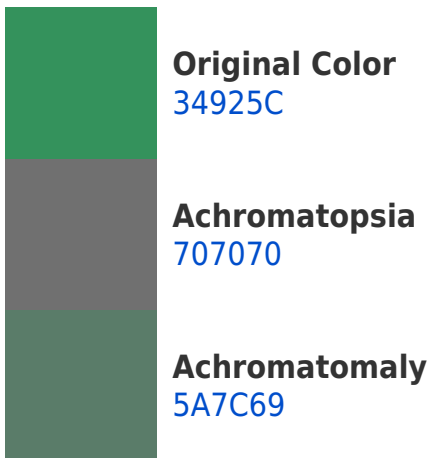


**Tritanopia**  
478B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34925C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #34925C looks like.

```
.text, #text, p{  
    color:#34925C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #34925C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34925C
}
```

## Border

The CSS property to change the border of an element to Hex 34925C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34925C }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#34925C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #34925C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34925C; -webkit-box-shadow:4px 4px  
4px 4px #34925C; box-shadow:4px 4px 4px  
4px #34925C }
```

# Background

The CSS property to change the background color of an element to Hex 34925C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34925C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#34925C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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